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## **Basinwide Summary: December 1, 2003**

(Averages/Medians based on 1981-2010 reference period)

Basinwide Summary: December 1, 2003 (Averages/Medians based on 1981-2010 reference period)			Monthly Total Precipitation for November 2003						Water Year to Date Precipitation through November 2003					
CENTRAL YUKON BASIN		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
AMERICAN CREEK	SNOTEL	1050												
ATIGUN PASS	SNOTEL	4800	1.2	0.7	171%		1	143%	3.1	2.1	148%	2.7	129%	
EAGLE SUMMIT	SNOTEL	3650	2.2	1	220%		0.6	60%	3	2.3	130%	2.4	104%	
FORT YUKON	SNOTEL	430	0.6	0.5	120%		0.2	40%	0.8	1.5	53%	0.5	33%	
UPPER NOME CREEK	SNOTEL	2520		0.8					2					
Basin Index # of sites					182%			82%			117%		95%	
					3			3			3		3	
YUKON FLATS		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
FORT YUKON	SNOTEL	430	0.6	0.5	120%		0.2	40%	0.8	1.5	53%	0.5	33%	
Basin Index # of sites					120%			40%			53%		33%	
					1			1			1		1	
FORTY MILE BASIN		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
AMERICAN CREEK	SNOTEL	1050												
Basin Index # of sites						0		0			0		0	
WHITE MOUNTAINS		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
UPPER NOME CREEK	SNOTEL	2520		0.8					2					
Basin Index # of sites						0		0			0		0	
TANANA BASIN		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
CHISANA	SNOTEL	3320												
FAIRBANKS F.O.	SNOTEL	450	1.6	0.8	200%		0.1	13%	2.3	1.8	128%	1.7	94%	
GRANITE CRK	SNOTEL	1240	1.3	0.8	163%		0.6	75%	1.7	1.8	94%	2.1	117%	
KANTISHNA	SNOTEL	1550		0.6					1.8					
LITTLE CHENA RIDGE	SNOTEL	2000	3.8	1	380%		0.5	50%	4.4	2.4	183%	3.4	142%	
MONUMENT CREEK	SNOTEL	1850	3	0.9	333%		0.1	11%	3.6	2.4	150%	3.3	138%	
MT. RYAN	SNOTEL	2800	2.4	1	240%		0.1	10%	3.1	2.3	135%	2.3	100%	
MUNSON RIDGE	SNOTEL	3100	3.7	1.4	264%		0.3	21%	4.6	3.3	139%	4.6	139%	
NENANA	SCAN	415												
RHOADS CREEK	SNOTEL	1225	0.7	0.7	100%		0.5	71%	1.2	1.6	75%	2	125%	
TEUCHET CREEK	SNOTEL	1640	0.8	0.7	114%		0.3	43%	1.9	2	95%	2.4	120%	
TOK	SCAN	1630												
UPPER CHENA	SNOTEL	2850	2.8	1.2	233%		0.4	33%	4	2.8	143%	2.3	82%	
Basin Index # of sites					236%			34%			131%		118%	
					9			9			9		9	
UPPER TANANA VALLEY (TOK)		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
CHISANA	SNOTEL	3320												
TOK	SCAN	1630												
Basin Index # of sites					0			0			0		0	
UPPER TANANA VALLEY (DELTA JUNCTION)		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
GRANITE CRK	SNOTEL	1240	1.3	0.8	163%		0.6	75%	1.7	1.8	94%	2.1	117%	
RHOADS CREEK	SNOTEL	1225	0.7	0.7	100%		0.5	71%	1.2	1.6	75%	2	125%	
Basin Index # of sites					133%			73%			85%		121%	
					2			2			2		2	
LOWER TANANA VALLEY		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
FAIRBANKS F.O.	SNOTEL	450	1.6	0.8	200%		0.1	13%	2.3	1.8	128%	1.7	94%	
KANTISHNA	SNOTEL	1550		0.6					1.8					
NENANA	SCAN	415												
Basin Index # of sites					200%			13%			128%		94%	
					1			1			1		1	
CHENA VALLEY		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	
LITTLE CHENA RIDGE	SNOTEL	2000	3.8	1	380%		0.5	50%	4.4	2.4	183%	3.4	142%	
MONUMENT CREEK	SNOTEL	1850	3	0.9	333%		0.1	11%	3.6	2.4	150%	3.3	138%	
MT. RYAN	SNOTEL	2800	2.4	1	240%		0.1	10%	3.1	2.3	135%	2.3	100%	
MUNSON RIDGE	SNOTEL	3100	3.7	1.4	264%		0.3	21%	4.6	3.3	139%	4.6	139%	
TEUCHET CREEK	SNOTEL	1640	0.8	0.7	114%		0.3	43%	1.9	2	95%	2.4	120%	
UPPER CHENA	SNOTEL	2850	2.8	1.2	233%		0.4	33%	4	2.8	143%	2.3	82%	
Basin Index # of sites					266%			27%			142%		120%	
					6			6			6		6	
WESTERN INTERIOR BASINS		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	

ATIGUN PASS	SNOTEL	4800	1.2	0.7	171%	1	143%	3.1	2.1	148%	2.7	129%
BETTLES FIELD	SNOTEL	640	2.7	0.9	300%	0.5	56%	4.3	2.4	179%	1.6	67%
COLDFOOT	SNOTEL	1040	2.7	1	270%	1	100%	5.5	2.4	229%	3.3	138%
GOBBLERS KNOB	SNOTEL	2030	3.9	1.5	260%	1.9	127%	5.9	3.2	184%	4.2	131%
<b>Basin Index</b>					<b>256%</b>		<b>107%</b>			<b>186%</b>		<b>117%</b>
# of sites					4		4			4		4
KOYUKUK	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ATIGUN PASS	SNOTEL	4800	1.2	0.7	171%	1	143%	3.1	2.1	148%	2.7	129%
BETTLES FIELD	SNOTEL	640	2.7	0.9	300%	0.5	56%	4.3	2.4	179%	1.6	67%
COLDFOOT	SNOTEL	1040	2.7	1	270%	1	100%	5.5	2.4	229%	3.3	138%
GOBBLERS KNOB	SNOTEL	2030	3.9	1.5	260%	1.9	127%	5.9	3.2	184%	4.2	131%
<b>Basin Index</b>					<b>256%</b>		<b>107%</b>			<b>186%</b>		<b>117%</b>
# of sites					4		4			4		4
KUSKOKWIM	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ANIAK	SCAN	80	2.92			0.46		3.96			1.46	
<b>Basin Index</b>					0		0			0		0
BRISTOL BAY	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
LOWER MULCHATNA	SCAN	320										
WEARY LAKE	SCAN	100										
<b>Basin Index</b>					0		0			0		0
ARCTIC AND KOTZEBUE SOUND	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ATIGUN PASS	SNOTEL	4800	1.2	0.7	171%	1	143%	3.1	2.1	148%	2.7	129%
IMNAVIAT CREEK	SNOTEL	3050	0.4	0.4	100%	0.3	75%	1.5	1.2	125%	1.4	117%
KELLY STATION	SNOTEL	310										
PRUDHOE BAY	SNOTEL	30	0.4	0.4	100%			1.6	1.2	133%		
SAGWON	SNOTEL	1000	1.2	0.5	240%	0.6	120%	2.5	1.2	208%	1.2	100%
<b>Basin Index</b>					<b>175%</b>		<b>119%</b>			<b>158%</b>		<b>118%</b>
# of sites					3		3			3		3
WRANGELL MOUNTAINS	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
MAY CREEK	SNOTEL	1610		1.2					2.8			
<b>Basin Index</b>					0		0			0		0
CHUGACH RANGE	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
UPPER TSAINA RIVER	SNOTEL	1750	4.5	4.8	94%			9.3	10.5	89%		
<b>Basin Index</b>					0		0			0		0
COPPER BASIN	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
MAY CREEK	SNOTEL	1610		1.2					2.8			
UPPER TSAINA RIVER	SNOTEL	1750	4.5	4.8	94%			9.3	10.5	89%		
<b>Basin Index</b>					0		0			0		0
MATANUSKA - SUSITNA BASINS	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
INDEPENDENCE MINE	SNOTEL	3550		1.9					6			
MONAHAN FLAT	SNOTEL	2710	2.2	1	220%	0.3	30%	3.2	2.9	110%	3.1	107%
SUSITNA VALLEY HIGH	SNOTEL	375	2.9	2.1	138%	1.1	52%	6	5.1	118%	6.5	127%
TOKOSITNA VALLEY	SNOTEL	850		2.9					9.2			
<b>Basin Index</b>					<b>165%</b>		<b>45%</b>			<b>115%</b>		<b>120%</b>
# of sites					2		2			2		2
UPPER SUSITNA	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
MONAHAN FLAT	SNOTEL	2710	2.2	1	220%	0.3	30%	3.2	2.9	110%	3.1	107%
<b>Basin Index</b>					<b>220%</b>		<b>30%</b>			<b>110%</b>		<b>107%</b>
# of sites					1		1			1		1
LOWER SUSITNA	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
SUSITNA VALLEY HIGH	SNOTEL	375	2.9	2.1	138%	1.1	52%	6	5.1	118%	6.5	127%
<b>Basin Index</b>					<b>138%</b>		<b>52%</b>			<b>118%</b>		<b>127%</b>
# of sites					1		1			1		1
PETERS HILLS	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
TOKOSITNA VALLEY	SNOTEL	850		2.9					9.2			
<b>Basin Index</b>					0		0			0		0

MATANUSKA - LITTLE SUSITNA		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
INDEPENDENCE MINE		SNOTEL	3550		1.9					6			
POINT MACKENZIE		SNOTEL	250	3.1	1.3	238%	0.6	46%	5.8	3.5	166%	3.6	103%
Basin Index # of sites					238%		46%			166%		103%	
					1		1			1		1	
NORTHERN COOK INLET		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ANCHORAGE HILLSIDE		SNOTEL	2080		2.5					5.4			
INDIAN PASS		SNOTEL	2350	7.2	4.4	164%	2.8	64%	11.6	9.5	122%	9.1	96%
MORAINE		SNOTEL	2100	2	2.4	83%	1.8	75%	4.4	4.6	96%	5.2	113%
MT. ALYESKA		SNOTEL	1540	3	7.1	42%	19.5	275%	18.2	15.8	115%	40	253%
POINT MACKENZIE		SNOTEL	250	3.1	1.3	238%	0.6	46%	5.8	3.5	166%	3.6	103%
Basin Index # of sites					101%		163%			120%		173%	
					4		4			4		4	
SHIP CREEK		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
INDIAN PASS		SNOTEL	2350	7.2	4.4	164%	2.8	64%	11.6	9.5	122%	9.1	96%
MORAINE		SNOTEL	2100	2	2.4	83%	1.8	75%	4.4	4.6	96%	5.2	113%
Basin Index # of sites					135%		68%			113%		101%	
					2		2			2		2	
TURNAGAIN ARM		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
MT. ALYESKA		SNOTEL	1540	3	7.1	42%	19.5	275%	18.2	15.8	115%	40	253%
TURNAGAIN PASS		SNOTEL	1880	2.4	6.6	36%	18.4	279%	14.3	13.2	108%	34.8	264%
Basin Index # of sites					39%		277%			112%		258%	
					2		2			2		2	
SOUTH CAMPBELL CREEK		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ANCHORAGE HILLSIDE		SNOTEL	2080		2.5					5.4			
Basin Index # of sites					0		0			0		0	
KENAI PENINSULA		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ANCHOR RIVER DIVIDE		SNOTEL	1653		2.9					6.2			
COOPER LAKE		SNOTEL	1200	3	4.5	67%	13.5	300%	11.3	10.5	108%	29.3	279%
EXIT GLACIER		SNOTEL	400										
GRANDVIEW		SNOTEL	1100	1.6	6.9	23%	19.6	284%	17	14.6	116%	37.7	258%
GROUSE CREEK DIVIDE		SNOTEL	700	2.7	7.5	36%	23	307%	13.8	14.4	96%	40.9	284%
KACHEMAK CREEK		SNOTEL	1660		8.3					18.7			
KENAI MOOSE PENS		SNOTEL	300	1.8	1.2	150%	0.4	33%	5.1	3.3	155%	3.5	106%
MCNEIL CANYON		SNOTEL	1320	2.7	3.3	82%	7.3	221%	8.5	6.7	127%	15.7	234%
MIDDLE FORK BRADLEY		SNOTEL	2300	3.8	7.1	54%	25.2	355%	14.4	15.8	91%	49.1	311%
NUKA GLACIER		SNOTEL	1250	4.4	11	40%	33.4	304%	27.4	24.2	113%	65.6	271%
PORT GRAHAM		SNOTEL	300	8.9	11.2	79%	20.8	186%	18	20.8	87%	36.6	176%
SUMMIT CREEK		SNOTEL	1400	2.3	2.7	85%	6.3	233%	8.4	6.3	133%	14.5	230%
TURNAGAIN PASS		SNOTEL	1880	2.4	6.6	36%	18.4	279%	14.3	13.2	108%	34.8	264%
Basin Index # of sites					54%		271%			106%		252%	
					10		10			10		10	
NINILCHIK DOME		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ANCHOR RIVER DIVIDE		SNOTEL	1653		2.9					6.2			
MCNEIL CANYON		SNOTEL	1320	2.7	3.3	82%	7.3	221%	8.5	6.7	127%	15.7	234%
Basin Index # of sites					82%		221%			127%		234%	
					1		1			1		1	
BRADLEY LAKE - SOUTHERN KENAI		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
KACHEMAK CREEK		SNOTEL	1660		8.3					18.7			
MIDDLE FORK BRADLEY		SNOTEL	2300	3.8	7.1	54%	25.2	355%	14.4	15.8	91%	49.1	311%
NUKA GLACIER		SNOTEL	1250	4.4	11	40%	33.4	304%	27.4	24.2	113%	65.6	271%
PORT GRAHAM		SNOTEL	300	8.9	11.2	79%	20.8	186%	18	20.8	87%	36.6	176%
Basin Index # of sites					58%		271%			98%		249%	
					3		3			3		3	
NORTHERN KENAI FLATS		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
KENAI MOOSE PENS		SNOTEL	300	1.8	1.2	150%	0.4	33%	5.1	3.3	155%	3.5	106%
Basin Index # of sites					150%		33%			155%		106%	
					1		1			1		1	
NORTHERN KENAI MOUNTAINS		Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
COOPER LAKE		SNOTEL	1200	3	4.5	67%	13.5	300%	11.3	10.5	108%	29.3	279%
EXIT GLACIER		SNOTEL	400										
GRANDVIEW		SNOTEL	1100	1.6	6.9	23%	19.6	284%	17	14.6	116%	37.7	258%
GROUSE CREEK DIVIDE		SNOTEL	700	2.7	7.5	36%	23	307%	13.8	14.4	96%	40.9	284%

SUMMIT CREEK TURNAGAIN PASS	SNOTEL SNOTEL	1400 1880	2.3 2.4	2.7 6.6	85% 36%	6.3 18.4	233% 279%	8.4 14.3	6.3 13.2	133% 108%	14.5 34.8	230% 264%
	<b>Basin Index</b> # of sites				<b>43%</b> 5		<b>287%</b> 5			<b>110%</b> 5		<b>266%</b> 5
<b>WESTERN GULF</b>	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
ESTHER ISLAND	SNOTEL	50		15.2							31.5	
EXIT GLACIER	SNOTEL	400										
GROUSE CREEK DIVIDE	SNOTEL	700	2.7	7.5	36%	23	307%	13.8	14.4	96%	40.9	284%
MT. EYAK	SNOTEL	1405										
NUKA GLACIER	SNOTEL	1250	4.4	11	40%	33.4	304%	27.4	24.2	113%	65.6	271%
PORT SAN JUAN	OTHER	50		13.4						29.9		
SUGARLOAF MTN	SNOTEL	550		8.7						16.1		
UPPER TSAINA RIVER	SNOTEL	1750	4.5	4.8	94%			9.3	10.5	89%		
	<b>Basin Index</b> # of sites				<b>38%</b> 2		<b>305%</b> 2			<b>107%</b> 2		<b>276%</b> 2
<b>VALDEZ</b>	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
SUGARLOAF MTN	SNOTEL	550		8.7						16.1		
	<b>Basin Index</b> # of sites					0	0				0	0
<b>SOUTHEAST</b>	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
LONG LAKE	SNOTEL	850	14.7	17.4	84%	16.6	95%	28.8	42.5	68%	40.5	95%
MOORE CREEK BRIDGE	SNOTEL	2250		5.5						11.4		
	<b>Basin Index</b> # of sites				<b>84%</b> 1		<b>95%</b> 1			<b>68%</b> 1		<b>95%</b> 1
<b>SNETTISHAM</b>	Network	Elevation (ft)	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg	Current (in)	Average (in)	% Average	Last Year (in)	Last Year % Avg
LONG LAKE	SNOTEL	850	14.7	17.4	84%	16.6	95%	28.8	42.5	68%	40.5	95%
	<b>Basin Index</b> # of sites				<b>84%</b> 1		<b>95%</b> 1			<b>68%</b> 1		<b>95%</b> 1